

# EatQuik.

# The Product

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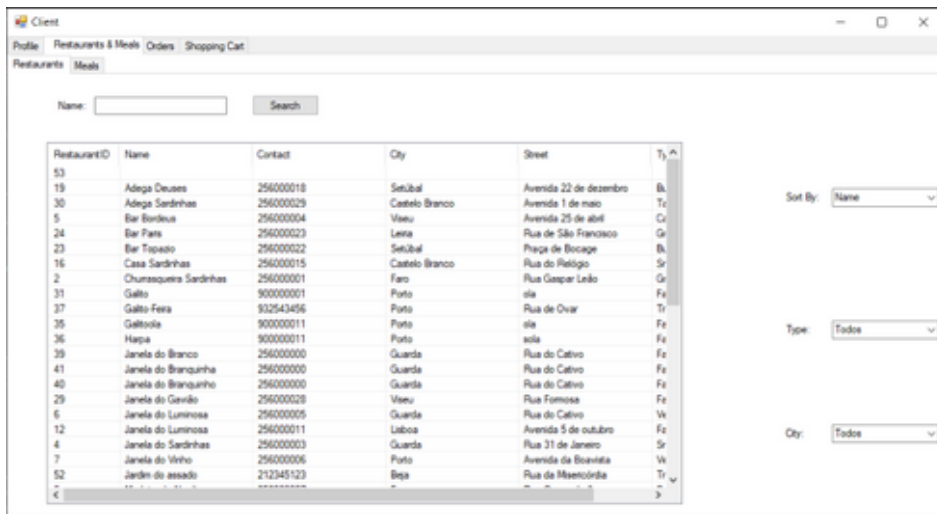
- **Food Delivery Application**

EatQuik is an application for quickly delivering food, now present in more than 10 cities.

- **Everyone can use it!**

Either you're a driver, a restaurant or just looking to eat something, EatQuik is the app for you!

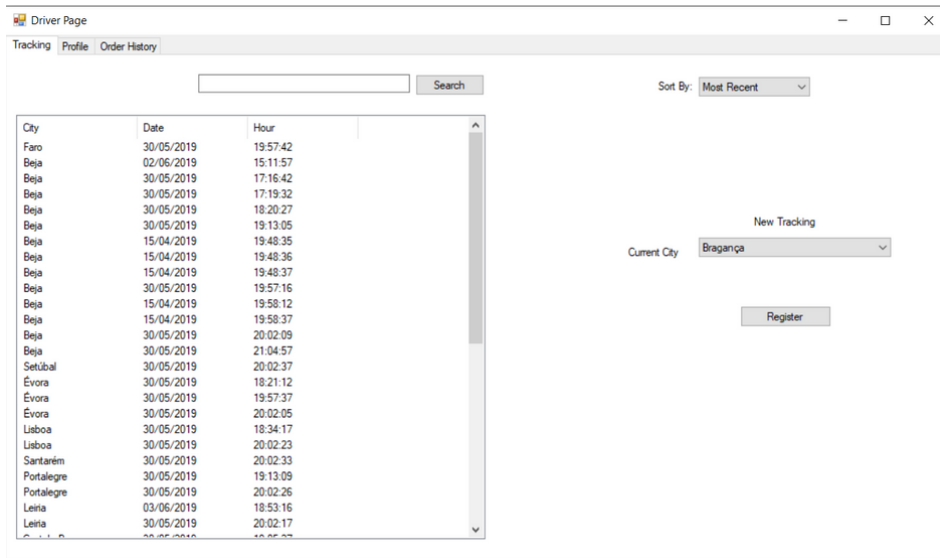
# Main Features



- **Client**

- Client can request food from a restaurant and the whole delivery process is covered by the application.
- Search for specific meals of restaurants.
- Easily manage your requests that are still in transit.
- Access the information about your request, such as the Driver delivering it and much more.

# Main Features



The screenshot shows a web application window titled "Driver Page". It has three tabs: "Tracking" (selected), "Profile", and "Order History". Below the tabs is a search bar with a "Search" button. To the right of the search bar is a "Sort By:" dropdown menu set to "Most Recent". The main content area is divided into two sections. On the left is a table with three columns: "City", "Date", and "Hour". On the right is a "New Tracking" section with a "Current City" dropdown menu set to "Bragança" and a "Register" button below it.

City	Date	Hour
Faro	30/05/2019	19:57:42
Beja	02/06/2019	15:11:57
Beja	30/05/2019	17:16:42
Beja	30/05/2019	17:19:32
Beja	30/05/2019	18:20:27
Beja	30/05/2019	19:13:05
Beja	15/04/2019	19:48:35
Beja	15/04/2019	19:48:36
Beja	15/04/2019	19:48:37
Beja	30/05/2019	19:57:16
Beja	15/04/2019	19:58:12
Beja	15/04/2019	19:58:37
Beja	30/05/2019	20:02:09
Beja	30/05/2019	21:04:57
Setúbal	30/05/2019	20:02:37
Évora	30/05/2019	18:21:12
Évora	30/05/2019	19:57:37
Évora	30/05/2019	20:02:05
Lisboa	30/05/2019	18:34:17
Lisboa	30/05/2019	20:02:23
Santarém	30/05/2019	20:02:33
Portalegre	30/05/2019	19:13:09
Portalegre	30/05/2019	20:02:26
Leiria	03/06/2019	18:53:16
Leiria	30/05/2019	20:02:17
Coimbra	30/05/2019	20:02:57

- **Driver**

- The closest drivers to the client will be assigned to deliver food.
- You know which user you are delivering food to.
- Access previous made orders.
- Its all covered by your trackings like a GPS!

# Main Features

The screenshot shows a web application window titled "Restaurant Page". It has a navigation bar with tabs: "Meals", "Profile", "Orders", "Stats", and "Promotional Codes". The "Meals" tab is active. Below the navigation bar, there is a search bar with a "Search" button. To the right of the search bar is a "Sort By:" dropdown menu. The main content area is divided into two sections. On the left is a table listing meals with their names, prices, and ingredients. On the right is a "New Meal" form with input fields for "Main Ingredient", "Side Ingredient", "Drink Ingredient", and "Cost", and a "Register" button.

Name	Price	Main Ingredient	Side Ingredient	Drink
atum_agua	8.49	atum		agua
atum_arroz_branco_a	6.63	atum	arroz_branco	agua
cabrito_assado_batat...	12.10	cabrito_assado	batata	cerveja
massa_picante	8.40	massa	bolonhesa	fanta
massa_picapica	8.40	massa	bolonhesa	fanta
panados_pepsi	6.80	panados		pepsi
Pao_agua	3.21	Pao		agua
Pao_Atum_Agua	4.12	Pao	Atum	Agua

New Meal

Main Ingredient:

Side Ingredient:

Drink Ingredient:

Cost:

Register

## ● Restaurant

- Restaurants have a set of meals available and can always add more meals
- They have also have an extensive page with statistics, such as their money made through the app and best clients.

# EatQuik Demo

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Video

# SQL Programming

# Stored Procedures

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Some of the most used Stored Procedures

- **AddClient**

Used to add new clients to the database.

- **PaginationMeal**

Used to receive available meals

- **ChangeStatusDriver**

Used to change driver status, according to if he is delivering food or not.



# User Defined Functions

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Some of the most used UDFs

- **RestaurantStats UDFs**

This set of UDFs allows each restaurant to access several meaningful statistics collected from the data in the database

- **pickClosestDriver**

Is one of the most important UDFs because it allows us to select the closest available driver so he can deliver the food.

# Triggers

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- **CheckDriverRequest**

Verfiy that when a driver inserts a new tracking, check if he has the same address as the client that ordered

- **CheckNameContact**

Check if there's already a restaurant with the same name and contact as the one you are trying to create.

# Views

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- **Number of Available Drivers**

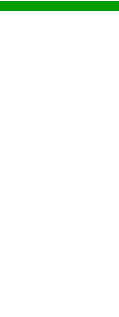
Made to see how many drivers are available to deliver.

- **Get Cities**

Made to check all the cities available within the database.

# Important Extras

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**Card Encryption**



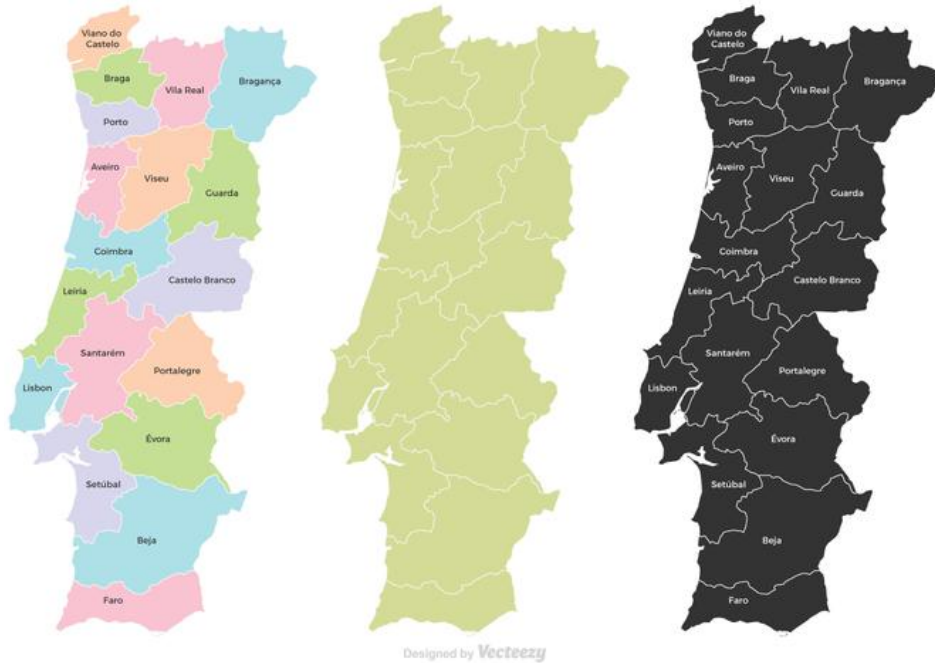
**Passwords Encryption**



**SQL Injection Protection**

# Changes Made

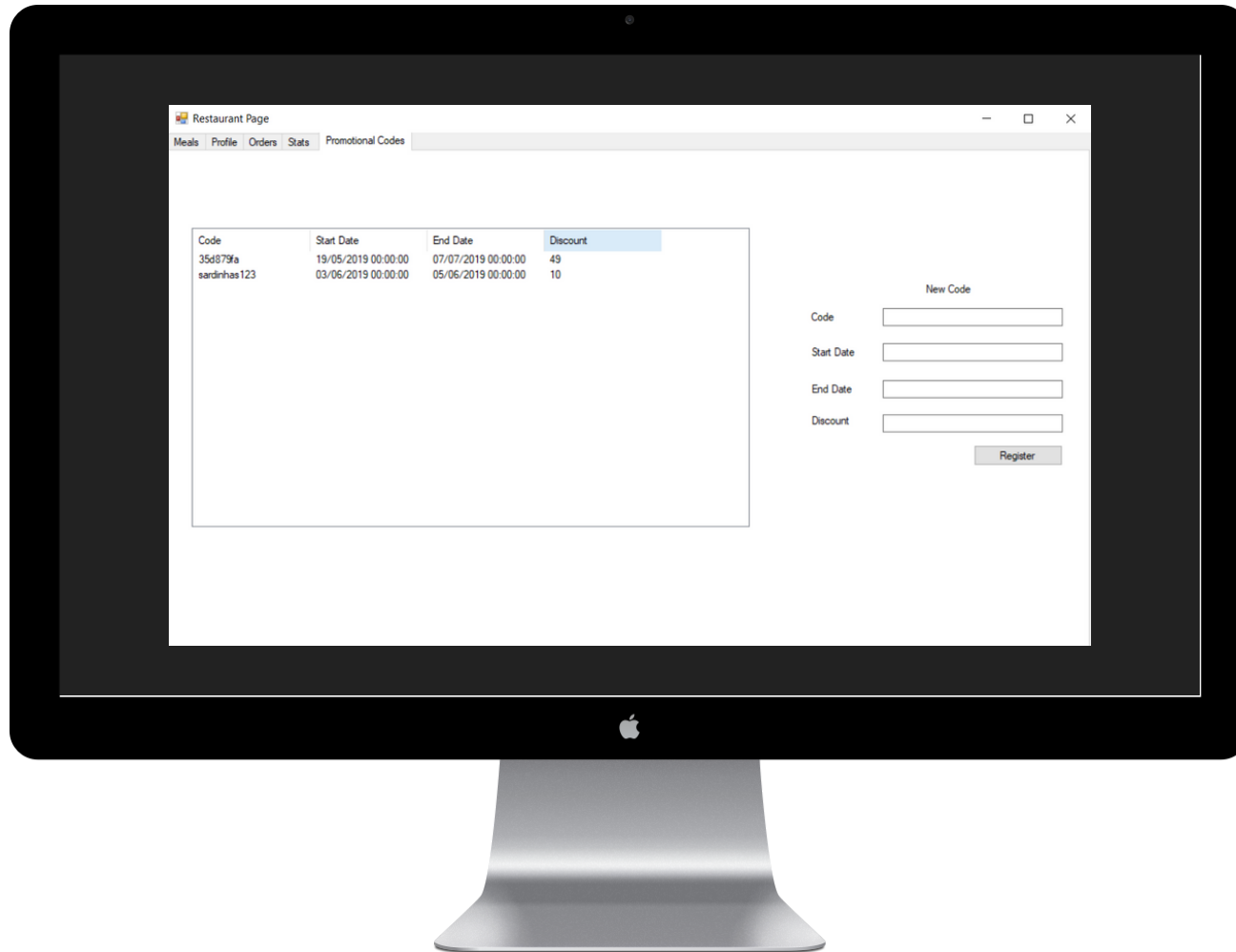
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- **Simplified delivery place**

Instead of checking for the users address and city, if the driver is located within the city of the user we assume the delivery is made, to simplify database manipulation

# Changes Made



- **Promotional Codes**

Users can now use discount codes on restaurants to get better prices, as long as the coupon is valid.

# Future Work

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